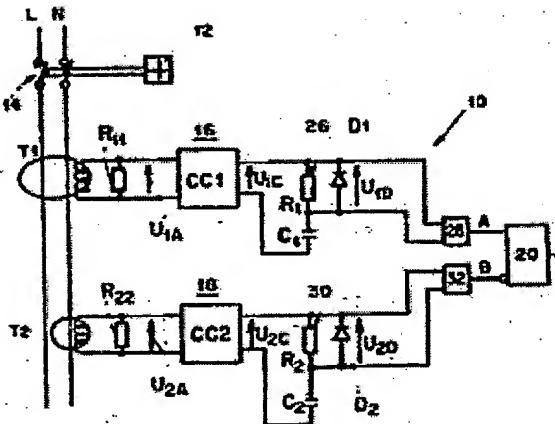


Residual differential trigger with detection of state variation

Patent number: FR2538179
Publication date: 1984-06-22
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Classification:
- **International:** H02H3/33; H01H83/14
- **European:** H02H1/04; H02H3/33F
Application number: FR19820021616 19821221
Priority number(s): FR19820021616 19821221

Abstract of FR2538179

The invention relates to a residual differential trigger associated or integrated with a cutoff apparatus. A first system 16 for detecting a variation in residual current includes a homopolar sensor T1 connected to a converter CC1 associated with a processing circuit 26 with resistor R1 and capacitor C1. A second system 18 with intensity transformer T2 is intended for detecting a variation in the charging current. The two systems 16, 18 cooperate with a logic circuit 20 which delivers a triggering order in the event of variation in the residual current detected by the first system 16 and of simultaneous absence of signal by the second system 18. Application: protection of personnel against direct contacts.



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